

# 824 Application Advice

Functional Group ID=AG

## Introduction:

This standard provides the format and establishes the data contents of the Application Advice Transaction Set (824) within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the ability to report the results of an application system's data content edits of transaction sets. The results of editing transaction sets can be reported at the functional group and transaction set level, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection or acceptance with change of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgement sent in response to a purchase order).

## Notes:

- 1. Use this transaction set to inform the originator of a transaction set of the results of edit checks performed on the transaction set (single 'ST' to 'SE') by the application program. This 824 should refer to one document.*
- 2. When used to reject a transaction set, the errors will be identified.*
- 3. This transaction set is not used to reject a transmission due to ASC X12 syntax errors. Use a 997 transaction set for that purpose.*

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			2	
	030	N1	Name	O	1		
Not Used	040	N2	Additional Name Information	O	2		
Not Used	050	N3	Address Information	O	2		
Not Used	060	N4	Geographic Location	O	1		
	070	REF	Reference Numbers	O	12		
	080	PER	Administrative Communications Contact	O	3		

## Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		LOOP ID - OTI			10000	

Must Use	010	OTI	Original Transaction Identification	M	1	n1
Not Used	020	REF	Reference Numbers	O	12	c1
	030	DTM	Date/Time/Period	O	2	
Not Used	040	PER	Administrative Communications Contact	O	3	
Not Used	050	AMT	Monetary Amount	O	10	
Not Used	060	QTY	Quantity	O	10	
LOOP ID - TED					10000	
	070	TED	Technical Error Description	O	1	
Not Used	080	NTE	Note/Special Instruction	O	100	
Must Use	090	SE	Transaction Set Trailer	M	1	

## Transaction Set Notes

1. A segment appearing in Table 1 applies to the entire transaction set, and this may be overridden for the duration of a specific occurrence of a loop in Table 2 when the same segment with a changed value is present in that occurrence of the loop.

## Transaction Set Comments

1. REF segments can be used as needed to further identify the original transaction set.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			824 X12.44 Application Advice	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	
			<i>Use to identify a unique number assigned by the originator of the transaction set. This number may be system generated.</i>	

**Segment:** **BGN** Beginning Segment  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a transaction set  
**Syntax Notes:** 1 If BGN05 is present, then BGN04 is required.  
**Semantic Notes:**  
**Comments:**

- 1 BGN02 is the Transaction Set Reference Number.
- 2 BGN03 is the Transaction Set Date.
- 3 BGN04 is the Transaction Set Time.
- 4 BGN05 is the transaction set time qualifier.

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
Must Use	BGN02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <i>This value will always be one.</i>	M AN 1/30
Must Use	BGN03	373	Date Date (YYMMDD) <i>Use to identify the date this 824 transaction set was originated.</i>	M DT 6/6
Not Used	BGN04	337	Time Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).	C TM 4/4
Not Used	BGN05	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	030
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N102 or N103 is required.</li> <li>2 If either N103 or N104 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. <i>Name (identification) information is to be transmitted using only code values contained in a combination of N101, N103/N104 data elements.</i></li> <li>2. <i>There must be 2 iterations of the N1 loop in each transmission; one iteration to carry the identification of the party transmitting the 824 transaction set and a second iteration containing the identification of the party to whom the 824 transaction is being sent.</i></li> </ol>

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity or a physical location.	
		FR	Message From
			<i>Use to indicate the entity sending this transaction set.</i>
		TO	Message To
			<i>Use to indicate the entity to whom this transaction set is being sent.</i>
N102	93	Name	C AN 1/35
		Free-form name	
		<i>Use this element only if the reported transaction set did not include an identification code.</i>	
N103	66	Identification Code Qualifier	C ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		<i>This element is required, unless the reported transaction set did not include an identification code.</i>	
		1	Dun and Bradstreet (Credit Reporting) (DUNS)
			<i>Use of the DUNS number is preferred over any other coded number to identify a commercial entity.</i>

- 9 DUNS with 4-character suffix
- 10 Department of Defense Activity Address Code (DODAAC)
- 19 FIPS-55 (Named Populated Places)
- 33 Commercial and Government Entity (CAGE)
- 93 Code assigned by the organization originating the transaction set

**N104      67      Identification Code      C      ID 2/17**  
Code identifying a party.

**Segment:** **REF** Reference Numbers  
**Position:** 070  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:**

1. Not required for intergovernmental exchanges.
2. No more than one iterations can be sent.

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
		65	Total Order Cycle Number	
			<i>UTN - Universal Tracking Number is a unique identifier used to establish a linkage within a cycle of transaction sets for a single acquisition. Should be a unique identifier within federal agencies. A cycle is defined to include all related transaction sets (840, 843, 850, 855, 860, 865, 836, 864, 810, and 820 if possible).</i>	
		IV	Seller's Invoice Number	
	REF02	127	Reference Number	C AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
Not Used	REF03	352	Description	C AN 1/80
			A free-form description to clarify the related data elements and their content	

**Segment:** **PER** Administrative Communications Contact  
**Position:** 080  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed  
**Syntax Notes:** 1 If PER03 is present, then PER04 is required.

**Semantic Notes:**

**Comments:**

**Notes:** *When N101 is code FR, use to identify a contact to whom inquiries regarding this transaction set should be directed.*

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
		IC	Information Contact	
	PER02	93	Name	O AN 1/35
			Free-form name	
	PER03	365	Communication Number Qualifier	O ID 2/2
			Code identifying the type of communication number	
			<i>Codes TE and IT are preferred.</i>	
		EM	Electronic Mail	
			<i>Should only be used if the address is less than 22 characters.</i>	
		FX	Facsimile	
		TE	Telephone	
	PER04	364	Communication Number	C AN 7/21
			Complete communications number including country or area code when applicable	
			<i>When PER03 is code TE, include the area code.</i>	
			<i>When PER03 is code IT, include country and area codes.</i>	



**Segment:** **OTI** Original Transaction Identification

**Position:** 010

**Loop:** OTI Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

**Syntax Notes:** 1 If OTI09 is present, then OTI08 is required.

**Semantic Notes:**

- Comments:**
- 1 OTI02 contains the qualifier identifying the business transaction from the original business application, and OTI03 will contain the original business application identification.
  - 2 If used, OTI04 through OTI08 will contain values from the original electronic functional group generated by the sender.
  - 3 If used, OTI09 through OTI10 will contain values from the original electronic transaction set generated by the sender.
  - 4 If OTI11 is present, it will contain the Version/Release under which the original electronic transaction was translated by the receiver.

**Notes:** *Use this loop to identify the transaction set that is being reported and the action taken on that transaction set.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	OTI01	110	<b>Application Acknowledgment Code</b>	<b>M ID 1/2</b>
			Code indicating the application system edit results of the business data	
			<i>Use to identify the action taken regarding the transaction set being reported in the same OTI loop.</i>	
			TA Transaction Set Accept	
			TC Transaction Set Accept with Data Content Change	
			TE Transaction Set Accept with Error	
			TR Transaction Set Reject	
Must Use	OTI02	128	<b>Reference Number Qualifier</b>	<b>M ID 2/2</b>
			Code qualifying the Reference Number.	
			<i>Use to indicate the unique reference number of the transaction set being reported.</i>	
			TN Transaction Reference Number	
Must Use	OTI03	127	<b>Reference Number</b>	<b>M AN 1/30</b>
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			<i>1. When OTI10 is code 810, cite the number in BIG02 of the 810 transaction set.</i>	

**2. When OTI10 is code 820, cite the number in REF02 (1/REF/050) of the 820 transaction set.**

**3. When the OTI10 is code 824 cite the number in the OTI03 of the 824 transaction set being reported.**

**4. When the OTI10 is code 832 cite the number in the BCT02 of the 832 transaction set being reported.**

**5. When the OTI10 is code 836, cite the number in the BCO04 of the 836 transaction set.**

**6. When the OTI10 is code 840, cite the number in the BQT02 of the 840 transaction set.**

**7. When OTI10 is code 843, cite the number in the BQR02 of the 843 transaction set.**

**8. When OTI10 is code 850, cite the number in BEG03 of the 850 transaction set. If a number is cited in both BEG03 and BEG04 of the 850 transaction set, concatenate these numbers.**

**9. When OTI10 is code 855, cite the number in the BAK03 of the 855 transaction set.**

**10. When OTI10 is code 860, cite the number in the BCH03 of the 860 transaction set.**

**11. When OTI10 is code 864, cite the number in REF02 (1/REF/080 segment) of the 864 transaction set that is qualified by code ME in REF01.**

**12. When OTI10 is code 865, cite the number in the BCA03 of the 865 transaction set.**

Not Used	OTI04	142	Application Sender's Code	O	AN 2/12
			Code identifying party sending transmission; codes agreed to by trading partners		
Not Used	OTI05	124	Application Receiver's Code	O	AN 2/12
			Code identifying party receiving transmission. Codes agreed to by trading partners		
Not Used	OTI06	29	Group Date	O	DT 6/6
			Date sender generated a functional group of transaction sets.		
Not Used	OTI07	30	Group Time	O	TM 4/4
			Time (HHMM) when the sender generated a functional group of transaction sets (local time at sender's location).		
	OTI08	28	Group Control Number	C	N0 1/9

Assigned number originated and maintained by the sender

*Use to identify the number cited in GS06 of the functional group in which the reported transaction was transmitted.*

	<b>OTI09</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>O</b>	<b>AN 4/9</b>
			Identifying control number assigned by the originator for a transaction set.		
			<i>Use to identify the transaction set control number cited in SE02 of the transaction set being reported.</i>		
	<b>OTI10</b>	<b>143</b>	<b>Transaction Set Identifier Code</b>	<b>O</b>	<b>ID 3/3</b>
			Code uniquely identifying a Transaction Set		
			Refer to 003010 Data Element Dictionary for acceptable code values.		
<b>Not Used</b>	<b>OTI11</b>	<b>480</b>	<b>Version / Release / Industry Identifier Code</b>	<b>O</b>	<b>ID 1/12</b>
			Code indicating the version, release, subrelease and industry identifier of the EDI standard being used. Positions 1-3, version number; positions 4-6, release and subrelease level of version; positions 7-12, industry or trade association identifier (optionally assigned by user).		

**Segment:** **DTM** Date/Time/Period  
**Position:** 030  
**Loop:** OTI Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 or DTM03 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use this segment to identify the creation date of the transaction set being reported.*

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			097	Transaction Creation
	DTM02	373	Date	C DT 6/6
			Date (YYMMDD)	

*1. When the OTI10 is code 810, cite the date from the BIG01 of the 810 transaction set.*

*2. When the OTI10 is code 820, cite the date from the DTM02 (1/DTM/060) of the 820 transaction set.*

*3. When the OTI10 is code 824, cite the date from BGN03 of the 824 transaction set.*

*4. When OTI10 is code 832, cite the date from DTM02 (1/DTM/070 segment) of the 832 transaction set that is qualified by code 097 in REF01.*

*5. When OTI10 is code 836, cite the date from BCO06 of the 836 transaction set.*

*6. When OTI10 is code 840, cite the date from BQT03 of the 840 transaction set.*

*7. When OTI10 is code 843, cite the date from BQR04 of the 843 transaction set.*

*8. When OTI10 is code 850, cite the date from BEG05 of the 850 transaction set.*

*9. When OTI10 is code 855, cite the date from BAK04 of the 855 transaction set.*

*10. When OTI10 is code 860, cite the date from BCH06 of the 860 transaction set.*

*11. When OTI10 is code 864, cite the date from DTM02 of the 864 transaction set.*

*12. When OTI10 is code 865, cite the date from BCA06 of the 865 transaction set.*

Not Used	DTM03	337	Time	C	TM 4/4
Time expressed in 24-hour clock time (HHMM, time range: 0000 through 2359).					
Not Used	DTM04	623	Time Code	O	ID 2/2
Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow					

<b>Segment:</b>	<b>TED</b> Technical Error Description
<b>Position:</b>	070
<b>Loop:</b>	TED Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify the error and, if feasible, the erroneous segment, or data element, or both
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 If used, TED02 will contain a generic description of the data in error (e.g., Part Number, Date, Reference Number, etc.).
<b>Notes:</b>	<p><i>1. Use this segment to identify errors within the reported transaction set, or to report the receipt of a transaction set from an unregistered party.</i></p> <p><i>2. Use multiple repetitions of the TED loop to identify multiple errors within the reported transaction set.</i></p>

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TED01	647 Application Error Condition Code	M ID 1/3
		Code indicating application error condition	
		<i>Any code may be used, but the below listed are preferred.</i>	
		<i>003 Duplicate Billing</i>	
		<i>004 Invalid Commodity Code</i>	
		<i>006 Duplicate</i>	
		<i>Use to indicate a duplicate transmission of a transaction set not identified as a duplicate in data element 353 of a beginning segment. For example, an 850 transaction set with the exact data as a previously received transaction set and both transaction sets contain code 00 in BEG01.</i>	
		<i>007 Missing Data</i>	
		<i>008 Out of Range</i>	
		<i>009 Invalid Date</i>	
		<i>010 Total Out of Balance</i>	
		<i>847 Closed/Non-Existent Account Number</i>	
		<i>1. Use to indicate an invalid or missing DUNS or DUNS+4</i>	

*Number. When so used, enter "Invalid DUNS Number" in TED02 and cite an invalid number in TED07.*

*2. Use to indicate an invalid or missing CAGE code. When so used, enter "Invalid CAGE code" in TED02 and cite an invalid code in TED07.*

*3. Use to indicate an invalid or missing Registration (Electronic device PIN) number. When so used, enter "Vendor not registered" in TED02 and cite an invalid number in TED07.*

*4. Use to indicate an invalid or missing TIN number. When so used, enter "Invalid TIN" in TED02 and cite an invalid number in TED07.*

*5. Use to indicate an invalid or missing Civilian Activity Address code. When so used, enter "Invalid CAA" in TED02 and cite an invalid code in TED07.*

*6. Use to indicate an invalid or missing Department of Defense Activity Address Code (DoDAAC). When so used, enter "Invalid DoDACC" in TED02 and cite an invalid code in TED07.*

**ZZZ Mutually Defined**

*Use to indicate any other error not identified by a specific code. Specify the error in TED02.*

Refer to 003010 Data Element Dictionary for acceptable code values.

<b>Must Use</b>	<b>TED02</b>	<b>3</b>	<b>Free Form Message</b>	<b>O</b>	<b>AN 1/60</b>
			Free-form text		

*Use to specify the error.*

	<b>TED03</b>	<b>721</b>	<b>Segment ID Code</b>	<b>O</b>	<b>ID 2/3</b>
			Code defining the segment ID of the data segment in error (See Appendix A - Number 77)		

*Use to identify the segment containing the error.*

	<b>TED04</b>	<b>719</b>	<b>Segment Position in Transaction Set</b>	<b>O</b>	<b>N0 1/6</b>
			The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1		

*Use to identify the position of the segment within the transmission of the transaction set containing an error, e.g., 15. This is read as the 15th segment transmitted.*

	<b>TED05</b>	<b>722</b>	<b>Element Position in Segment</b>	<b>O</b>	<b>N0 1/2</b>
			This is used to indicate the relative position of the data element in error in this data segment. The count starts with 1 for the data element immediately following the segment ID. This value is 0 for an error in the segment ID.		

*Use to identify the segment position of the data element containing an error, e.g., DTM01.*

	<b>TED06</b>	<b>725</b>	<b>Data Element Reference Number</b>	<b>O</b>	<b>N0 1/4</b>
			Reference number used to locate the Data Element Dictionary.		

		<i>Use to identify the segment data element containing an error, e.g., 374.</i>	
<b>TED07</b>	<b>724</b>	<b>Copy of Bad Data Element</b>	<b>O AN 1/99</b>
		This is a copy of the data element in error	

		<i>Use to identify the erroneous content of the data element, e.g., 999.</i>	
<b>TED08</b>	<b>961</b>	<b>Data Element New Content</b>	<b>O AN 1/99</b>
		New data which has replaced erroneous data	
		<b>1. When OTI01 is code TE or TR, use to identify the correct data, if known, that should have been transmitted in the data element.</b>	
		<b>2. When OTI01 is code TC, this data element is REQUIRED. Use to cite the substitute data.</b>	



**Segment:** **SE** Transaction Set Trailer  
**Position:** 090  
**Loop:**  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

#### Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/6
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number assigned by the originator for a transaction set.	
			<i>This is the same number as that cited in ST02.</i>	